

R12 dowels at 400 crs. Min. 4 dowels to each slab 75 btm cover

Approved expansion joint & sealing compound. Refer concrete works notes.

600 wide strip full length hazard tactile indicators as specified. Refer AS1428.1-4

Pathway as specified

The structural work shown on this drawing is considered to be structurally sound, and suitable for the design loads.

All construction to be as per current Australian Standards and Building Codes, in accordance with MBRC requirements, and in a professional and tradesmanlike manner



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RPEQ 3333 Date : 13/09/2017

GENERAL NOTES

- 1. Ensure steps are located and landscaped in accordance with detailed landscape plan, and subdivision and development guidelines.
- 2. All dimensions are in millimetres unless noted otherwise.

CONCRETE WORKS

- 1. At a minimum all concrete to be grade N25 broom finished 125mm min. thickness. All concrete works to be reinforced min. SL72 Mesh. Ensure min. cover of 50mm to all sides.
- 2. For slip resistance requirements, refer "Reference Specification for Civil Engineering Work" -S150 Roadworks.
- 3. All steps to have 1:50 minimum fall away from rise.
- 4. Contraction joints as a guide located @ 3000 crs. Joint to be saw cut 6mm wide x ½ depth deep within 4-12 hrs of placement. Place mesh centrally over joint and cut every second bar over joint.
- 5. Expansion joints (where required) as a guide located @ 6m CCS. Joint to be full depth 10mm thick closed cell cross-linked polyethylene foam (85-150kg/m³). Seal surface of joint with 10mm deep polyethylene seglant ('Sikaflex 1A Silicon' or equivalent). Larger greas of pavement to be reviewed by engineer.
- 6. For handrail requirements to steps, refer to Australian Standards and Council requirements for access & mobility (AS1428-2003). All other pathways or pavement areas beyond the steps to comply with these standards.
- 7. Refer MBRC standard drawings for TGSI details.

FIXTURES/FITTINGS/METAL WORK

- 1. All fixtures/fittings unless specified are to be hot dipped galvanised. Specify stainless steel fixings in vicinity of saltwater/spray — ensure separation between various metals to prevent metal corrosion.
- 2. Where possible all fixings to be tamper/vandal proof to minimise damage or theft.

SCALES VC 07/16 REVISIONS DATE Drawn Date Coordinator 07/16 Date **AUTHORISED** SYD JERRAM Approved by Structural Engineer TC 7/17 Changes to Dimension Notes RH 01/17 Manager Integrated Transport Planning & Desigr RPEQ 6872 07/16

CONCRETE STEPS - SECTION

STEPS - CONCRETE